

West Des Moines, IA

PROJECT: Woodbury Co, FY25 Env Comp, IA 27223172.25 DATE: 10/31/2024

SUBJECT: Woodbury County Sanitary Landfill - 97-SDP-02-75C - Fall 2024 Semi-Annual Inspection Report TRANSMITTAL ID: 00001

PURPOSE: For your approval VIA: Info Exchange

FROM

NAME	COMPANY	EMAIL	PHONE
Sean Marczewski West Des Moines, IA	SCS Engineers	SMarczewski@scsengineers.com	+1-515-631-6152

TO

NAME	COMPANY	EMAIL	PHONE
Mike Smith 502 East 9th Street Des Moines IA 50319-0034 United States	Iowa, State of	mike.smith@dnr.iowa.gov	515-725-8200

REMARKS: Mike -

Please find for your download the Woodbury County Sanitary Landfill Fall 2024 Semi-Annual Inspection report. Let us know if you have any questions or comments.

Thanks,

Sean A. Marczewski
Project Professional
SCS Engineers
1690 All-State Court, Suite 100
West Des Moines, Iowa 50265
712-661-9682 (C)
515-631-6152 (O)
smarczewski@scsengineers.com

DESCRIPTION OF CONTENTS

QTY	DATED	TITLE	NOTES
1	10/31/2024	Woodbury County Sanitary Landfill - 97-SDP-02-75C - Fall 2024 Inspection Report 10.31.2024.pdf	

COPIES:

Becky Jolly

Transmittal

DATE: 10/31/2024
TRANSMITTAL ID: 00001

Jeanette Beekman
Christine Collier
Sean Marczewski

(Woodbury County Area Solid Waste Agency)
(SCS Engineers)
(SCS Engineers)

October 31, 2024
Project No. 27223172.25

Mr. Michael Smith, P.E., Environmental Engineer Senior
Iowa Department of Natural Resources
6200 Park Avenue
Des Moines, Iowa 50321

Subject: Fall 2024 Semi-Annual Inspection Report
Woodbury County Sanitary Landfill (Closed)
Permit No. 97-SDP-02-75C

Dear Mr. Smith:

This brief report documents the semi-annual inspection required by the Woodbury County Sanitary Landfill (Landfill) Iowa Department of Natural Resources Sanitary Disposal Project Closure Permit, applicable amendments, and the Iowa Administrative Code. The inspection was conducted by Sean Marczewski of SCS Engineers on October 4, 2024 and was performed to evaluate the municipal solid waste Landfill's general conformance with the permit and the approved plans and specifications. A site map is attached for reference (Figure 1). A copy of the observation checklist used during the inspection is included in Attachment A. Please refer to this checklist for specific observations and recommended activities to address areas of concern noted during the inspection.

The observations presented in this report are based upon data obtained from the field observations made at the Landfill and from information sources discussed in this report. This report provides a snapshot in time of the conditions present at the time of the inspection and does not reflect variations in conditions that may occur throughout the year.

If you have any questions regarding this report, please contact Sean Marczewski at (712) 661-9682.

Sincerely,



Sean Marczewski
Project Professional
SCS Engineers




Christine L. Collier, P.E.
Senior Project Manager
SCS Engineers

SAM/CLC

Copy: Ms. Jeanette Beekman, Woodbury County

Certification

	<p>I hereby certify that this document was prepared by me or under my direct supervision and that I am a duly licensed Professional Engineer under the laws of the state of Iowa.</p>	
	<p>Digitally signed by Christine L. Collier <i>Christine L. Collier</i> Date: 2024.10.31 12:58:53 -05'00'</p>	
	<table><tr><td>Christine L. Collier</td><td>Date</td></tr></table> <p>My license renewal date is: December 31, 2025 Pages or sheets covered by this seal: All</p>	Christine L. Collier
Christine L. Collier	Date	



Site Map

- Legend**
- ▲ Monitoring Well
 - ▲ Groundwater Piezometer
 - ▲ Leachate Well
 - Approximate Waste Boundary
 - Interpolated Waste Boundary
 - Located Waste Boundary
 - Approximate Property Boundary

Woodbury County Sanitary
Landfill
Pierson, Iowa
Project No: 27223172.25
Drawing Date: October 2024

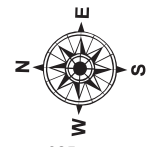


Figure 1

GEOBATA, Esri, HERE, Garmin, FourGears, FAO, MEITUNASA, USGS, Esri, UTMAR, USGS

Attachment A
Observation Checklist

SCS Engineers
1690 All State Court, Suite 100, West Des Moines, Iowa 50265
Sanitary Landfill Inspection

Permit #: 97-SDP-02-75C

Facility Name: <u>Woodbury County Sanitary Landfill</u>	Responsible Official: <u>Jeanette Beekman</u>
County: <u>Woodbury</u>	Address: <u>514 2nd Street, Pierson, IA, 51048</u>
Facility Operator: <u>Woodbury County</u>	Phone: <u>712-873-3827</u>
Address: <u>2210 Ida Ave, Merville, IA 51039</u>	Date Last Inspection: <u>April 15, 2024</u>
Phone: <u>712-873-3827</u>	Date This Inspection: <u>October 4, 2024</u>

At the Time of this Inspection:

- | | |
|--|---|
| • Facility personnel present: <u>None</u> | • Surface conditions: <u>Dry</u> |
| • Wind direction and speed: <u>9 mph from ESE</u> | • Ambient temperature: <u>74° F, Clear</u> |

Yes – compliance was being achieved; **No** – compliance was not being achieved,
N/A – not applicable or not observed; **PND** – previously noted deficiency (PND).

Observations

Yes	No	N/A	PND	Item	Yes	No	N/A	PND	Item
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	1. Fill Cover: final	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	10. Special Waste Handling
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2. Control of Face	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	11. Recycling Activities
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3. Compaction	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12. Operator Certification
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4. Cover erosion; Ponding	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	13. Staffing
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5. Drainage into fill	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	14. Equipment Backup/Maintenance
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6. Leachate Mgmt. & Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	15. Interior Roads
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	7. Litter	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	16. Perimeter fence, gate, signs, wells
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	8. Wet Weather Area	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	17. Photos taken
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	9. Construction & Demolition Area	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	18. Follow-up needed? (Yes/No)

Comments: The comments below correspond to the numbered observation items listed above.

1. Areas of bare soil were again noted surrounding leachate well LW-2; these areas should be reseeded and maintained as necessary. Saplings were noted on the Landfill cap and should be removed.
4. Ruts and erosion observed on the northeast slope of the landfill noted in the 2023 Fall Inspection (Doc #108134) were again observed during this inspection and are currently scheduled to be repaired by the end of the year. Conversation with Landfill staff indicate that mowing of the cap will occur prior to the repairs so that areas needing repair are more easily visible and accessible. These areas will need to be filled in, seeded, and maintained.
6. No seeps were observed.
15. Access roads leading to the Landfill and within the Landfill were in good condition.
16. The perimeter fence, gate, signs, and wells were in good condition.
18. The Landfill cap should continue to be periodically monitored and maintained as needed. Areas of bare soil were noted surrounding LW-2 should be reseeded and maintained as necessary. Ruts and erosion observed on the northeast slope of the landfill should be repaired and maintained as necessary. Saplings should continue to be removed as needed.

AUTHENTICATION

INSPECTOR	Sean Marczewski	Date: 10/4/2024
REVIEWER	Christine L. Collier, P.E.	Date: 10/24/2024